

AMENDMENT NO. 4 TO THE AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN THE CITY OF MANTECA AND PACIFIC ADVANCED CIVIL ENGINEERS, INCORPORATED

This Amendment No. 4 (“Amendment”) to Agreement #C2022-156A3 (“Agreement”) between the City of Manteca and Carollo Engineers, Incorporated is made and entered into this ___ day of _____, 20___, by and between Pacific Advanced Civil Engineers, Incorporated, a California corporation (“Consultant”) and the City of Manteca, a municipal corporation (“City”).

RECITALS

A. On October 13, 2022, the City of Manteca approved Agreement C2022-156 with Consultant to provide professional services associated with CIP 23002, 23003, 23004, 23005, and 17008.

B. On June 30, 2023, the City of Manteca approved Amendment C2022-156-A1 with Consultant to amend the Time of Performance from December 31, 2024, to December 31, 2025, and revise the contract Compensation from \$461,870 to \$790,200.

C. On June 6, 2024, the City of Manteca approved Amendment C2022-156-A2 with Consultant to revise the contract Compensation from \$790,200 to \$890,200.

D. On May 5, 2025, the City of Manteca approved Amendment C2022-156-A3 with Consultant to amend the Time of Performance from December 31, 2025, to December 31, 2026, and revise the contract Compensation from \$890,200 to \$1,090,200.

E. The City now desires to amend Amendment No. 3 to amend the Time of Performance from December 31, 2026 to June 30, 2027, and revise the contract to revise the contract Compensation from \$1,090,200 to \$1,240,200.

F. Consultant represents that it has the necessary professional skills and experience to satisfactorily provide consulting services in a timely manner.

G. City desires to engage Consultant for the purposes of completing the scope of services identified.

NOW, THEREFORE, the parties hereby agree as follows:

1. Statement of Work. Attachment 1 to the Agreement is hereby amended by adding the tasks set forth in Attachment 1 to this Amendment, attached hereto and incorporated herein by reference, “Statement of Work”.
2. Paragraph 3 of the Agreement is hereby amended to read as follows:

“3. Time of Performance. The services of Consultant are to commence upon execution of this Agreement and shall continue until all authorized work is approved by the City. All such work shall be completed no later than June 30, 2027.”

3. Paragraph 4 of the Agreement is hereby amended to read as follows:

“4. Compensation. Compensation to be paid to Consultant shall be in accordance with the Schedule of Charges set forth in Attachment 1, which is incorporated herein by reference. In addition to the Compensation for the Agreement, compensation for Amendment No. 4 services shall in no event exceed ONE-MILLION, TWO-HUNDRED AND FORTY, TWO-HUNDRED DOLLARS (\$1,240,200) without additional authorization from the City and in no event shall total compensation for work performed pursuant to the Agreement. Payment by City under this Agreement shall not be deemed a waiver of defects, even if such defects were known to the City at the time of payment.”

4. Except as otherwise provided in this Amendment, the Agreement shall continue in full force and effect.

THIS SPACE INTENTIONALLY LEFT BLANK

TO EFFECTUATE THIS AMENDMENT, each of the parties has caused this Agreement to be executed by its duly authorized representative as of the date set forth in the introductory paragraph on page 1 above.

CITY OF MANTECA:

CONSULTANT:

Toni Lundgren
City Manager

PACE, Incorporated/California Corporation
*(Type name of Consultant/form of organization)**

ATTEST:

By: 


(Signature)

Mark Krebs, President

(Type name and title)

Cassandra Candini-Tilton,
Director of Legislative Services

COUNTERSIGNED:

By: 

(Signature)

Andy Komor, Vice President

(Type name and title)

Matthew Boring
Director of Finance

COUNTERSIGNED:

Address: 17520 Newhope Ste 200

Fountain Valley, CA 92708

Stephanie Van Steyn,
Director of Human Resources

Telephone: 714-480-7300

APPROVED AS TO FORM:

Andy J. Pinasco, Interim City Attorney

By: _____
Kousha Mckeenejad,
Deputy City Attorney

ATTACHMENT 1
STATEMENT OF WORK



AUTHORIZATION FOR CHANGE ORDER

TO: City of Manteca Engineering Dept.	ATTN: Somporn Boonsalat
1001 W. Center St.	DATE: March 27, 2026
Manteca, CA 95337	PROJECT: Manteca
Office: 209.456.8429	C.O. AUTH. #: 05

The following was not included in the original contract. We are requesting authorization for additional budget.

OBJECTIVE

Due to the new water quality improvements project, the North Plant is now able to process more wastewater. The two influent pumps which discharge wastewater to the North Plant are half the size of the South Plant. This proposal includes design to replace the two North Influent Pumps with the larger 200 HP units currently used at the South Plant. This will include: new suction and discharge bells, new VFDs, new circuit breakers, new conduit and new conductors, new pump base, and new programming. The proposed new pumps are included in Appendix A.

Description of Services:

Task 21 – Progress Meetings, Project Schedule, and Coordination

Project Manager, Andy Komor, will continue to be the City’s lead point of communication and management for the influent pumps upgrade to ensure a successful and well-thought-out project, delivered on time and on budget. Andy and Project Coordinator, Samantha Kamps, will prepare and update project management documents, including a real-time updated design schedule, and detailed monthly written progress updates, including written documentation of key decisions made throughout the project, invoice preparation, critical path identification, etc. Andy will also provide weekly updates by phone and email, monthly site visits and presentations to City staff, and manage the overall project team, consultants, regulatory progress, utility agencies, and stakeholders. In addition to informal conference calls or virtual meetings, the PACE project team will participate in up to five formal progress meetings throughout the project.

<u>Man-Hour Breakdown</u>	<u>Person</u>	<u>Rate</u>	<u>x</u>	<u>Hours</u>	<u>Fee</u>
Sr. Project Manager	Andy Komor	\$281	x	52	\$ 14,612
Project Engineer	Jose Salgado	\$206	x	16	\$ 3,296
Project Coordinator	Samantha Kamps	\$113	x	16	\$ 1,808
Subtotal Task 21:					\$ 19,716

Task 24 – Operation and Maintenance Manuals


PACE will provide digital operation and maintenance manuals with custom operational control strategy and operational objectives, along with vendor information. Operational cheat sheets with condensed graphics will be provided to fine tune the new systems to improve operation. Two revisions are included in this task.

<u>Man-Hour Breakdown</u>	<u>Person</u>	<u>Rate</u>	<u>x</u>	<u>Hours</u>	<u>Fee</u>
Sr. Project Manager	Andy Komor	\$281	X	8	\$ 2,248
Sr. Electrical Engineer	Bashar Ishaq	\$265	X	4	\$ 1,060
Sr. Project Engineer	Robert Murphy	\$229	X	12	\$ 2,748
Project Engineer	Jose Salgado	\$206	X	16	\$ 3,296
Electrical Design Engineer	Garrett Tettemer	\$162	x	4	\$ 648
Project Coordinator	Samantha Kamps	\$113	x	4	\$ 452
Subtotal Task 24:					\$ 10,452

Amount of Compensation:

<u>Task Description</u>	<u>Fee</u>
Task 21 Progress Meetings, Project Schedule, and Coordination	\$ 19,716
Task 22 Project Specifications, Cost Estimates, 75%/100% Drawings Packages	\$ 69,992
Task 23 Construction Phase Support Services	\$ 49,636
Task 24 Operation and Maintenance Manuals	\$ 10,452

This Request - Change Order # 05: \$ 149,796

Estimated By:  March 27, 2026
Andy Komor, PE - PACE Date

AGREED TO AND ACCEPTED BY:

By _____ Date _____
City of Manteca



Table 1. Estimated Number of WWTP Upgrade Plan Sheets per Design Completion Phase

% COMPLETION	GENERAL	DEMO	MECH	ELECT	P&ID	TOTAL
Pre-75% COMPLETE	2	1	3	6	1	13
75% COMPLETE	3	2	4	8	1	18
100% COMPLETE	3	2	5	10	1	21
CDs	3	2	5	10	1	21

Digital copies (pdf and CAD) of the 75% and 100% plans and Issued for Construction Plans, Specs, and Estimates will be provided for review and construction purposes.

<u>Man-Hour Breakdown</u>	<u>Person</u>	<u>Rate</u>	<u>x</u>	<u>Hours</u>	<u>Fee</u>
Sr. Project Manager	Andy Komor	\$281	X	20	\$ 5,620
Sr. Electrical Engineer	Bashar Ishaq	\$265	X	120	\$ 31,800
Sr. Project Engineer	Robert Murphy	\$229	X	40	\$ 9,160
Project Engineer	Jose Salgado	\$206	X	80	\$ 16,480
Electrical Design Engineer	Garrett Tettemer	\$162	x	40	\$ 6,480
Project Coordinator	Samantha Kamps	\$113	x	4	\$ 452
Subtotal Task 22:					\$ 69,992

Task 23 – Construction Phase Support Services

PACE has provided a budget cost of \$50,000 for construction phase support, as estimated in the fee worksheet, to provide site visits during construction (3 site visits), respond to contractor design-related questions and information requests, and review key submittals at the City's request. PACE shall provide key feedback on the construction progress, startup, commissioning, and control systems to ensure a successful design outcome.

<u>Man-Hour Breakdown</u>	<u>Person</u>	<u>Rate</u>	<u>x</u>	<u>Hours</u>	<u>Fee</u>
Sr. Project Manager	Andy Komor	\$281	X	32	\$ 8,992
Sr. Electrical Engineer	Bashar Ishaq	\$265	X	24	\$ 6,360
Sr. Project Engineer	Robert Murphy	\$229	X	48	\$ 10,992
Project Engineer	Jose Salgado	\$206	X	92	\$ 18,952
Electrical Design Engineer	Garrett Tettemer	\$162	x	24	\$ 3,888
Project Coordinator	Samantha Kamps	\$113	x	4	\$ 452
Subtotal Task 23:					\$ 49,636



Task 22 – Project Specifications, Cost Estimates, 75%/100% Drawings Packages

The recommended upgrade will be described and finalized with overall process design calculations/Basis of Design information, process and instrumentation diagrams, and mechanical/electrical design of the upgraded facility. PACE will provide draft mechanical engineering design including components, piping, minor equipment, instrumentation, and hydraulic structures of new proposed facilities as needed, and will provide design of the selected alternative process mechanical and electrical components. The mechanical design will include AutoCAD MEP 3D design sheets and a 2D plan and section. An equipment list will be provided and will be based on early phase major equipment specifications for vendor solicitation. PACE will provide a draft electrical engineering design including electrical notes, a single line diagram of proposed loads onto existing and proposed service distribution equipment, new electrical load calculations, field conduit layout, and draft electrical details for new proposed facilities. The PACE team will provide an operability review of the design in progress, selected components, and check the design progress against capital, operation, and present worth cost estimates.

Project Manager, Andy Komor, Principal, James Matthews, and Sr. Electrical Engineer, Bashar Ishaq will meet with the City and project stakeholders and create an example contractor Sequence of Construction with detailed step-by-step instructions, including stakeholder interaction requirements. This Sequence of Construction will be provided in the summary of the Work Specifications section, with appendices of the specifications. This consultant-driven construction sequencing intends to present one way to perform the work, and it is not intended to dictate the means and methods used by the selected contractor. It will provide backup of the intended delays and coordination needed with existing operations and the utility, which will assist with avoiding unexpected contractor costs or change order requests.

Lead CAD Production Manager, Tom Gutierrez, will develop all project basefiles. Basefiles will include existing systems demolition identification, connections to existing infrastructure and piping, and new digital files of existing basins, equipment, and utilities. Existing linework and information, including annotation, will be created in digital format for use in the subsequent plan development. Utility coordination is a critical component of the design to match connections from existing to new infrastructure. Additional site research and background data collection will be performed by Sr. Electrical Engineer, Bashar Ishaq, and Sr. Project Engineer, Jose Salgado. The site research visit will also be used for the project team to gather any existing plans and additional information regarding utilities, critical dimensions, and other existing conditions and conduct interviews with plant operators and maintenance staff for their needs with the new upgrades.

PACE's design team shall provide all custom technical specifications and project manuals (and City front-end documents), as outlined in the RFP, including the major equipment performance specifications, the summary of work, sequence of construction, and the sequence of operation/control strategy and programming. At each design phase, the specifications shall be updated with additional levels of detail. PACE shall provide a bid schedule in a format that can be grouped and compared with the engineer's construction cost estimate. The specifications will be QA/QC checked by Senior Project Engineer Robert Murphy, who specializes in construction administration at PACE. Digital copies will be prepared at each design iteration, and three hard copies of the specifications stamped and signed will be provided after final document preparation.

PACE will prepare cost estimates with portions filled in with the real quantity and cost information including equipment budgeted by vendors. The cost estimates will be prepared by senior staff including Principal, James Matthews and Project Manager, Andy Komor. The recent construction costs of multiple PACE-designed wastewater projects in California will be used to base unit costs. Capital costs will be provided with the milestone design package deliverables and include demolition, mechanical equipment, electrical equipment, instrumentation equipment, installation costs, startup and commissioning, and warranty. Operations and maintenance costs will include labor, power, repair, replacement, software, lab, and reporting. All cost estimates will be provided digitally in Excel format to the City.